

KY RIVER AUTHORITY
Proposed Projects Involving Agency Bonds
(amounts in **bold** are the total budget)

2014-2016

(Projects listed by priority; descriptions are from the agency submission)

- 1 Construct Dam 8** **\$14,800,000 AB**
The dam will be replaced with a cellular structure upstream of the existing dam. This is necessary to safeguard the water supply for the cities of Nicholasville and Lancaster. (C-PI)

- 2 Renovate Lock 1 and Lock 2** **\$4,560,000 AB**
Repair of Locks 1 and 2, including the following items: remove and repair lock gate structural supports, face metal and hinge system, replacement of timbers which seal the gates from water leakage, renovation of the valves which fill and empty the lock chamber. This project will provide navigational access between Frankfort and the Ohio River. The last rehabilitation of these locks were done twenty or more years ago, and this renovation will address much needed repairs for water retention in pools one and two on the Kentucky River. (C-PI)

2016-2018

- | | |
|--------------------|------------|
| 1 Construct Dam 10 | 21,000,000 |
| 2 Repair Dam 6 | 2,299,000 |
| 3 Repair Dam 12 | 3,400,000 |
| 4 Repair Dam 13 | 3,928,000 |

2018-2020

- | | |
|-------------------------|-----------|
| 1 Repair Dams 11 and 14 | 3,102,000 |
| 2 Repair Dam 7 | 3,081,000 |
| 3 Repair Dams 4 and 5 | 947,000 |

KY RIVER AUTHORITY
Proposed Projects Involving Restricted Funds
(amounts in **bold** are the total budget)

2014-2016

Design Dam 10

\$2,200,000 RF

Renovation of Lock and Dam 10 was originally a federal project with a state cost share. There have been no federal appropriations to the project for seven years. The Authority will now undertake the project directly. The design will provide for a new dam with a 6 foot crest gate providing approximately 1.8 billion gallons of new water storage. The existing lock will either be renovated or replaced. The lock renovation was not part of the federal project. Given the additional design needs, two years are provided for design and construction bidding. (C-PI)